Emploration of Potent Plant Resources in the Caribbean Region

The assignment had a four-fold purpose, namely:

1. To collect specific plant products and other promising drugs the sufficient bulk for study, appraisal and exploitation.

- To gain, through personal sontact with this region, the desired arientation concarning the natural drug resources, the institutions and personnel engaged in devaloping or testing them, and individuals especially familiar with native potent plants and modicines.
- 3. To explore every opportunity to enrich our knowledge of hidden treasures in potent plant resources, either native or introduced, to learn of their availability, their place of growth and the seamout their present and the record their reported or proven value.
  - 4. To collect published data, manuscripts, lists and notes dealing with potent plant resources found in the Caribbean and neighboring regions.

The following twelfe countries or regions were visited and experience as the throughly as time permitted: Fuerto Rico, Trinidad, Tobago, Martinique, Dominica, Domadalupe, St. Thromas, and the Nater and Outa. In addition, personal inquiries were made in Mismi in contact with Government officials engaged in plant introduction, in the staff members active in the study of plants and plant products. A chart of the area explored in attached.

The results were most gratifying, inassuch as provisions made for the trip, the season selected, and the weather were very favorable for observation and collection, and the fullest cooperation was obtained from all officials and other individuals contacted.

To assure the desired complete success of the exploration, the following recommendations are respectfully suggested.

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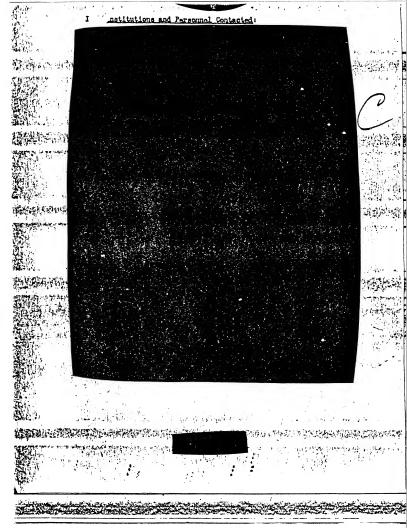
- Evaluation of the most promising potent agents collected, and exploitation where warranted.
- 2. The conclusion of cooperative agreements such as those with the
- 3. To establish or set aside token-cooperative funds to pay the
- 4. To maintain the contacts made and develop new ones for the continued exploration of additional natural potent resources, including especially the mahrooms and other fungi, having psychogenic properties. Particularly promising sources for further study are the native Carib ceremonial drugs of Dominica and the domestic cerebral drugs of the Virgin Islands and Halitands.
- To arrange for adequate cover for field contacts, such as the functioning as a consultant for the five tion of

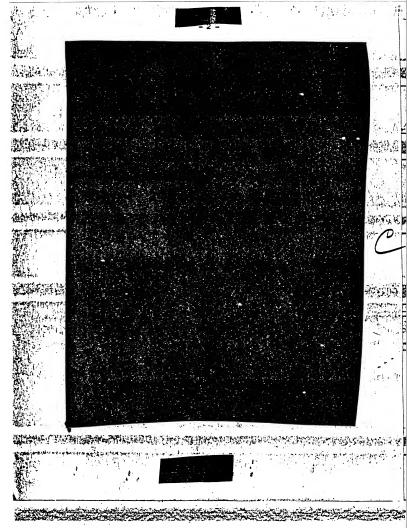
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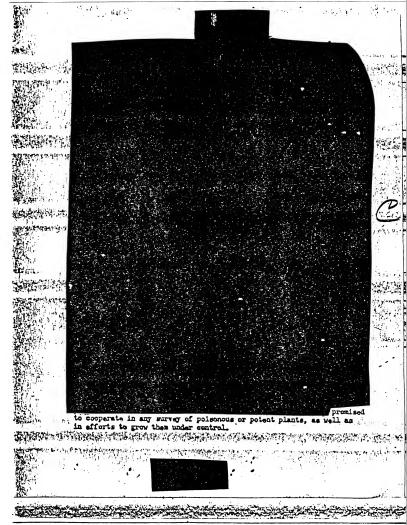
I'm Institutions and Personnel Contacted
I'm Caribbean Collections, 16 Dec 54 - 25 Jan 55

IIIa Potential Sources of Potent Plant Products
IIIb Potential Sources of Potent Fungal Products
IV Caribbean Collections, 16 Dec 54 - 25 Jan 55

Distribution:







## MEMO - See page 2 of I Institutions and Personnel 1 - 17 - 53

1. Set up a geoperative agreement and fund between your office

Ask us for the seed and plant samples you wish.

We will determine the cost of obtaining the samples and shipping

them to you.

4. Your office deposit the necessary fund in the cooperative account. We will have the material collected and send it to you.

We will pay the expense incurred from the cooperative fund.

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Potential Sources of Potent Fungal Products

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Mushrooms, believed to affect . the Central Nervous System. Amanita muscaria Linn.

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pantherina D.C.

phalloides Pr. verne Bull. Mappa Linn. (Amanita virosa,

Amenita citrina) stroboliformis Boletus calcous

luridus Schaeff-red-pored Boletus material Lens -white-topped Boletus

Stropharia coronilla semiglobate with hemispherical cap, Common on dung "

stercoaria mazatecorum \_ Inocybe asterospore . geophylla

brunuaa birmite lamiginosa cincinnata . obsoure

descissa obsoure entheles practervist Clitocybe ceruscata

dealbata illudens Schw .- Giant Clitocybe phyllophila pithycphila a sudorifice (Sweet producing) the harmonic and about 1965

Hebeloma fastibile Continue attamentarius (with alcohol) "Inky Cap" Kenneth Square percoticus, with marcotic odor, with Mushroom Bada deliquescent gills

Lepiota Morgani in fairy rings Lactaria terminosus Fr. -- Large-sized with

colored acrid later Lactarius

Yall.

Fairly common

Local

Mexico

Durope only

Canada, Florida

Summe



Source

Season Summer

Summar , Yall

Panacolus campamulatus Linn. sphinctrimus . evatue ो बर्गानी स्वयंत्रिके मुख्य स्वरंति

Mexico ' H.S. Vala

(Rainy season)

Venneosua Paux. finicola Fr.

Pailocyba gubensia

newspage11ceg

Bussula emetica Fr. extremely acrid .

retirucia-gille non-deliquescent

Cube (on dung)

HOTE: Those Items underscored are the most important potential sources, :: Salested References

是自己是的知识的意思。

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